

ABSTRACT OF THE DISCLOSURE

A digital camera stores and compares colors. In one exemplary embodiment of the present invention, a color may be captured by and stored in the digital camera and subsequently uploaded to a computing device for use in applications. In another exemplary embodiment, a color associated with a candidate specimen is compared with a reference color stored in the digital camera, the difference between the colors is reported graphically, and a signal is given when the colors differ by less than a predetermined tolerance. Illuminant normalization is employed to ensure accurate color comparisons.